

CLAIMS

1. An electronic device (10) comprising:
a substrate (100) carrying a single electrode structure (120); and
5 a plurality of electro-optical elements (140; 160, 180) at least including:
a first electro-optical element (140) covering a first part of the electrode
structure (120), the first electro-optical element (140) comprising a first electro-
optical material (144) with a first transmission/voltage response characteristic;
and
10 a second electro-optical element (160) covering a second part of the
electrode structure (120), the second electro-optical element (160) comprising
a second electro-optical material (164) with a second transmission/voltage
response characteristic.
- 15 2. An electronic device (10) as claimed in claim 1, wherein:
the first electro-optical element (140) further comprises a first polymer
topcoat (142), the first electro-optical material (144) being sandwiched
between the first polymer topcoat (142) and the substrate (100); and
the second electro-optical element (160) further comprises a second
20 polymer topcoat (162), the second electro-optical material (164) being
sandwiched between the second polymer topcoat (162) and the substrate
(100).
3. An electronic device (10) as claimed in claim 1 or 2, wherein the
25 first electro-optical material (144) comprises a first liquid crystal material and
the second electro-optical material (164) comprises a second liquid crystal
material.
4. An electronic device (10) as claimed in claim 3, the electronic
30 device (10) further comprising a first light-polarizing layer (190) and a second
light-polarizing layer (192); the electro-optical elements (140; 160, 180) being

sandwiched between the first light-polarizing layer (190) and the second light-polarizing layer (192).

- 5 5. An electronic device as claimed in any of the claims 1-4, wherein the first electro-optical element (140) is covered by a first colour filter and the second electro-optical element (160) is covered by a second colour filter.